





4845 Pearl East Circle Suite 300 Boulder, CO 80301 (720) 931-3000, Fax (720) 931-3001

Direct Dial Number: (720) 931-3033

2345 Grand Boulevard, Suite 2800 Kansas City, MO 64108-2612 (816) 292-2000, Fax (816) 292-2001

10851 Mastin Blvd. Building 82, Suite 1000 Overland Park, KS 66210-1669 (913) 451-5100, Fax (913) 451-0875

1010 Market Street Suite 1300 St. Louis, MO 63101-2000 (314) 613-2500, Fax (314) 613-2550 www.lathropgage.com

314 East High Street Jefferson City, MO 65101 (573) 893-4336, Fax (573) 893-5398

1845 S. National Springfield, MO 65808-4288 (417) 886-2000, Fax (417) 886-9128

1200 G Street, N.W. Suite 800 Washington, D.C. 20005 (202) 434-8984, Fax (202) 434-8992

October 20, 2003

From: Heather L. Fedor

Matter No.: 396542 [as amended]

To:	Company:	Fax Number:	Phone Number:		
Technology Center 1600	United States Patent Office	703-308-4556	703-308-2412		

Number of Pages Transmitted (including this cover sheet):

Message: To Whom It May Concern:

We submit the following documents in U.S. Application No. 10/040,046, filed October 19, 2001:

- 1. Transmittal Form SB-21 (1 page)
- 2. Fee Transmittal for FY 2004, in duplicate (2 pages)
- Petition for 3 mo. Extension of time, authorizing charges to Deposit Account 12-0600, in duplicate (2 pages)
- 4. Amendment and Response to Office Action of 4/18/2003 (17 pages)
- 5. Certificate of Transmittal (1 page)
- 6. Facsimile cover sheet (1 page)

The above-referenced application has been assigned to Neil S. Levy, Group Art Unit 1616.

Thank you for your attention to this transmittal.

If you have a problem receiving this facsimile, please call: (720) 931-3000

Fay	Attendar	ıt-	

CONFIDENTIALITY NOTE:

The information in this facsimile message ("fax") is sent by an attorney or his/her agent, is intended to be confidential and for the use of only the individual or entity named above. The information may be protected by attorney/client privilege, work product immunity or other legal rules. If the reader of this message is not the intended recipient, you are notified that retendon, distribution or copying of this fax is strictly prohibited. If you receive this fax in error, please notify us immediately by telephone and return it to the address above. Thank you.

BLDRDOCS 73591v1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF	Atty Docket No.						
Applicant(s):	John B. Taylor	; !	396542 [as amended]				
Serial No.	Filing Date	Examiner	Group Art Unit				
10/040,046	October 19, 2001	Neil S. Levy	1616				
Invention: PLANT I	FERTILIZER COMPOSIT	IONS CONTAINING	PHOSPHONATE AND				
PHOSPHATE SALT	IS AND DERIVATIVES	THEREOF					
Date of Transmittal: 20 October 2003 I hereby certify that the following documents: 1. Transmittal Form SB-21 (1 page) 2. Fee Transmittal for FY 2004, in duplicate (2 pages) 3. Petition for 3 mo. Extension of time, authorizing charges to Deposit Account 12-0600, in duplicate (2 pages) 4. Amendment and Response to Office Action of 4/18/2003 (11 pages) 5. Certificate of Transmittal (1 page) 6. Facsimile cover sheet (1 page)							
are being transr Patents, P.O. Be	mitted to facsimile number 70 ox 1450, Alexandria, VA 22	03-308-4556, to TC1600, 313-1450, on the date abo	Commissioner for ve.				
		, , , , , , , , , , , , , , , , , , , ,					
		David					
		Name of De	positor/Transmitter				
		La Da	in tec				
		Signature of I	Depositor/Transmitter				
		·					

OFFICIAL

RECEIVED
CENTRAL FAX CENTER

OCT 2 1 2003

PTO/SB/21 (08-03)
Approved for use through 07/31/2008, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

		Applica	tion Number	10/040,046			
TRANSMITTAL			ate	October 19, 2001			
FORM			amed Inventor	John B. Taylor			
(to be used for all correspondence after initial	Art Uni	l	1616				
		Examir	er Name	Neil S. Levy			
Total Number of Pages in This Submission	24	Attorne	y Docket Number	396542			
	ENCLO	SURES (check all that apply)				
☑ Fee Transmittal Form	Drawin	ng(s)		After Allowance Communication to Group			
Fee Attached	Licens	sing-relate	d Papers	Appeal	Communication to Board of sand Interferences		
Amendment / Reply	Petitio	on.		Appeal (Appeal	Communication to Group Notice, Brief, Reply Brief)		
After Final	Provis	on to Conv sional Appl	ication	Proprie	tary Information		
Affidavits/declaration(s)			ey, Revocation espondence Address	Status	Letter		
Extension of Time Request	☐ Termi	nal Disclai	mer	Other Enclosure(s) : (please identify below):			
Express Abandonment Request	Request for Refund			Certificate of Mailing & Return Post Card			
	CD, N	CD, Number of CD(s)					
Information Disclosure Statement							
Certified Copy of Priority Document(s)	Rem	arks		i			
Response to Missing Parts/ Incomplete Application				,			
Response to Missing Parts under 37 CFR 1.52 or 1.53				l	RECEIVED		
	TURE OF	APPLIC	ANT, ATTORNEY, C	OR AGENT	CENTRAL FAX CENT		
Firm David James Lee or Individual name LATHROP & GAGE L	•			-	OCT 2 1 2003		
Signalure Dani	10	e					
Date October 20, 2003	2003 AFFICIA						
	С	ERTIFIC	ATE OF MAILING		UTTIVIN		
I hereby certify that this correspondence Service with sufficient postage as first Alexandria, VA 22313-1450 on the date si	class mall	in an en	nsmitted to the USPTO relope addressed to: (O or deposited Commissioned	d with the United States Postal r for Patents, P.O. Box 1450,		
Typed or printed name David J. Les		_		t			
Signature	ui/	(e	1	Date	October 20, 2003		

This collection of information is required by 37 CFR 1,5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.Ş.C. 122 and 37 CFR 1,14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, cell 1-800-PTO-9199 and select option 2.



AMENDED PTO/SB/17 (09-04)
OMB 0551-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control number.

					Complete If Known									
FEE TRANSMITTAL				Applica	Application Number			10/040,046						
for FY 2004					Filing Date			October 19, 2001						
101 F 1 2004						Inventor	Jahn	John B. Taylor						
Effective 01/01/2003. Patent fees are subject to annual revision.				-	Examiner Name Neil S. Levy									
Applicant claims small entity status. See 37 CFR 1.27						Art Unit 1816								
TOTAL AMOUNT OF PAYMENT (5) 475						Attorney Docket No. 396542								
`				check \$11 th	et ann	v)		FEE CALCULATION (continued)						
	METHOD						3. AD	3. ADDITIONAL FEES						
	Credit c	ard 🗆	Mone Orde	y 🗖 Oth	er 📙	None	Larrie	Large Entity Small Entity						
Deposit Acc	count:						Fee	Fee (5)	Fee	Fae (S)	Fee Des	cription	Fee Paid	
Deposit	12-0	ann.					1051	130	2051	65	Surcharge - late f	ling fee or oath		
Account Number	1240						1052	50	2052	25		provisional filling fee	1 1	
							1053	130	1053	130	or cover sheet. Non-English spec	rification		
Deposit Account	LAT	HROP &	GAGE L	Ċ			1812	2,52				st for reexamination		
Name The Director Is	a sutbori	rad to:	/check	all that sh	n/u)	l	1804	920	1			calion of SIR prior to		
☐ Charge feet	(s) indicat additiona	ed belov al fee(s)	during.	Credit any : the pende	overpa	this application	1805	1,84	01 1805	1,840*	Requesting publi Examiner action	cation of SIR after		
Charge feet	(s) indicat	ed belo	N, BECO	pt for the	filing	fee	1251	110	2251	55	-	ly within first month		
to the above-id	entilied d			LATION			1252	420	2252	210	Extension for rep	lly within second		
			CALCO	LATION			1253	. 950	2253		•	y within third month	475	
1. BASIC	Small	FEE Entity					1254	148			Extension for rep	-		
Fee Fee	Fee	Fee	Fee C	escription	<u>!</u>	Fee Paid	1255	201	0 2255	1005		oly within fifth month		
Code (\$) 1001 770	2001	(\$) 385	LIBRIA	filing fee		ree raid	1401	330	2401	165	Notice of Appeal			
1001 770	2001	170	-	n filing fee		 -	1402	330	2402	165	Filing a orief in a	upport of an appeal		
1003 530	2003	265		filing fee			1403	290	2403	145	Request for oral	hearing		
1004 770	2004	385 80	Reiss	ive filing fer alonal filling			1451	1,5	1451	1,510	Petition to institu proceeding	te a public use		
1005 160	2005	טט	L I DAI	aiona miny	166	L	1452	110			Petition to revive			
		SUBTO	'AL (1)			(\$) Q	1453	133			Pelilian to revive		\vdash	
2. EXTRA C	1 AIM E	EES E	דון פר	U ITY AR	IN RE	ISSUE	1501 1502	133			Utility Issue fee (Design issue fee			
Z. LAIRA	, CAIM I	LLOI	Extr		ee fron		1603	640			Plant Issue fee	·	-	
			Clai		elow	Paid	1460	130			Politions to the (Commissioner		
Total Claims	14 -	14 - ;	إ	 × ⊦	9	_ =	1807	50	180	7 50		under 37 CFR 1.17 (q)	
Independent Claims	6	-6 ** =	= 0	×	43		1806	180	180	3 180	Submission of Ir Stmt	nformation Disclosure		
Multiple Dependent				×[0	8021	40	802	1 40	per property (tim	patent assignment ses number of		
Large Entity Fee Fe	e Fe		ee l	Fee Descri	ntton		1809	770	280	9 365		lon after final rejectio	<u> </u>	
Code (S)			a) - • (Cialms in e	COBB C		1810	770	281	385		nal invention to be		
1201 86				•		E In excess of 3	. [examined (37 C		.	
1203 29						t claim, if not pai ident claims ove	r	770				ued Examination (RCS	, [
1204 , 85	220	04 4	13 (original pat	ent .		1802	90	1 180	2 900	Request for exped of a design applic			
1205 18 2205 9 "Reissue claims in excess of 20 and over original patient														
SUBTOTAL (2) (5) 0				1	Other fee (specify)									
or number previously paid, if greater; Far Relissues, see above					Red	yceđ t	y Basiç Fi	ling Fee I	-aid SUBT	OTAL (3) (5) 4	75			
SUBMITTED BY									Ċom	piele (if spplicable)				
				-		Registration No								
Name (Print/Type) David James Lee (Altorney/Agent))	41.935 Telephone (720) 931-3021									

October 20, 2003 Signature WARNING: Information on this form may become public. Credit card information should not be

Included on this form. Provige credit card information and authorization on PTO-2038.

This collection of Information is required by 37 CFR 1.17 and 1.27. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will very depending upon the individual case, any comments on the amount of time you require to complete life form and/or suggestions for reducing litis burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandris. VA 22313-1450.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



AMENDED PTO/SB/17 (08-04)
OMB 0651-0032
U.S. Palent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid QMB control number.

						C	mplete if Known		
FE	Applica	stion Nut	mber	10/040,046					
for FY 2004				Date	•]	October 19, 2001			
			First N	amed In	ventor	John B, Taylor			
Effective 01/01/2003. Patent fees are subject to annual revision.			Exami	ner Nem	ié	Neil S. Levy			
	Applicant claims small entity status. See 37 CFR 1.27			Art Unit 1616					
TOTAL AMOU	NT OF PAYMENT (\$) 475		Attorn	By Dock	et No.	39654	12		
ME	THOD OF PAYMENT (check all that ap	ply)					ALCULATION (con	(nued)	
	redit card			DITION	Small E				
Deposit Accou	Order int:		Fee	Fee	Fee	Foe	5 5	- dullan	Foe Paid
Deposit		 -	Code	(5)	Code	(\$)	Fee Dos	_	Les Lain
Account Number	12-0600		1051 1052	130 50	2051 2052	65 25	Surcharge - late fi Surcharge - late p or cover sheet.		ise
Danadil			1053	130	1053	130	Non-English spec	ification	
Deposil Account	LATHROP & GAGE LC		1812	2,520	1812	2,520	For filing a reques		ion
Name	uthorized to: (check all that apply)		1604	820°	1804	920*	Requesting public Examiner action	ation of SIR pric	or to .
Charge (ce(s)	Indicated below 🔀 Credit any overp Iditional fee(s) during the pendency of	if this application	1805	1,640*	1805	1,640°	Examiner action		
☐ Charge (ee(s)	indicated below, except for the filling tified deposit account.	g fee	1251	110	2261	55	Extension for repl	•	nth
to the above-loan	FEE CALCULATION		1252	420	2252	210	Extension for repli	y within second	
			1253	950	2263	475	Extension for repl	y within third mo	onth 475
1. BASIC F	ILING FEE Small Entley		1254	1480	2254	740	Extension for repl	y wilnin fourth	
	Fee Fee <u>Fee Description</u> Code (5)	Fee Paid	1255	2010	2255	1005	Extension for rep	ly within fifth mo	utp
	2001 385 Utility filing fee		1401	330	2401	165	Notice of Appeal		. —
	2002 170 Design filing fee		1402	330	2402	165	Filing a brief in su	• •	eal
	2003 265 Plant filling fee		1403	290	2403	145	Request for oral hearing Petition to institute a public use		
,	2004 385 Reissus filing fee 2005 80 Provisional filing fee		1451	1,510	1451	1,510	proceeding Petition to revive – unavoidable		
1000			1452 1453	110 1330	2452	55 685	Pettlon to revive – unintentional		
•	SUBTOTAL (1)	(S) O	1501	1330	2501	665	Utility Issue fee (or relssut)		
2. EXTRA CL	AIM FEES FOR UTILITY AND R	EISSUE	1502	480	2502	240	Design Issue fee		
	Extra Fee fro	om Fee	1503	640	2503	320	Plant issue fee		
Total Claims 14	Claims below	= Pald	1460	130	1460	130	Petitions to the Commissioner		
Independent			1807	50	1807	50	Processing fee under 37 CFR 1.17 (q) Submission of information Disclosure		
Claims	-6" = 0 X 43	= 0	1806	180	1806	160	Strnt		
Mulliple Dependent	X	• 0	8021	40	8021	40	Recording each per property (time properties)		34
Large Entity Fee Fee	Fee Fee Fee Description		1809	770	2509	385	Filing a submissi (97 CFR § 1.129	on after final rej	ection
Code (5) 1202 18	2202 9 Claims in excess	of 20	1810	770	2810	385	For each addition	hal invention to h	pe
1201 86 1203 290		ma in excess of 3 ent claim, if not paid	1801	770	2801	985	Request for Contint	- , , ,	(RCE)
1204 86		endent claims over	1802	900	1802		Request for exped	led examination	
1205 18	s in excess of 20 and ant					of a dealgn applica	audi i		
	Other fee (specify) Reduced by Basic Filing Fee Paid SUBTOTAL (3) (3) 475								
or number pro	bove	-1480	uced by	obsic Fili	IN Les)	-elu SUBI	OTAL (3)	(\$) 475	
SUBMITTED BY						,	Cam	oleto (if applicable	<u>=)</u>
Name (Print/Type) David James Lee (Attorney/Agent)									
Name (Print/1996) David James Lee (Patterneyr-gena)				Dale October 20, 2003				03	

WARNING: Information on tals form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2036.

This collection of information is required by 37 CFR 1,17 and 1,27. The information is required to obtain or relatin a benealt by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1,14. This collection is estimated to take 12 minutes to complete, including gethering, preparing, and supmitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Tradermark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, cell 1-600-PTO-9199 (1-800-786-9199) and select option 2.